INTER PROCESS COMMUNICATIONS IN A DISTRIBUTED CP AND NP ENVIRONMENT

ABSTRACT OF THE DISCLOSURE

A lightweight, low cost solution provides inter process

5   communications (IPC) in a network processing environment. A method of

inter process communication (IPC) between General Purpose Processors in a

network processing environment uses software based functions (Application

Program Interfaces (APIs)) that enable inter process communication between

processors in a network processing environment. The software enabled

10   functions open and close inter process communication paths for transmitting

and receiving of inter process communication frames and allow the inter

process communication frames to be transmitted to one or several processors

in said network processing environment. The software has the capability of

selecting either data or control path in said network processing environment to

15   transmit or receive said inter process communication frames.

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